Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014733.D
Acq On : 21 Jul 2023 09:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 05:30:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	84	0.00
2	T	Dichlorodifluoromethane	50.000	40.077	19.8	71	0.00
3	P	Chloromethane	50.000	48.077	3.8	83	0.00
4	C	Vinyl Chloride	50.000	49.944	0.1#	83	0.00
5	T	Bromomethane	50.000	53.504	-7.0	91	0.00
6	T	Chloroethane	50.000	52.047	-4.1	86	0.00
7	T	Trichlorofluoromethane	50.000	45.851	8.3	75	0.01
8	T	Diethyl Ether	50.000	47.175	5.7	78	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.869	10.3	73	0.01
10	T	Methyl Iodide	50.000	46.585	6.8	80	0.01
11	T	Tert butyl alcohol	250.000	226.048	9.6	81	0.01
12	CM	1,1-Dichloroethene	50.000	43.850	12.3#	72	0.01
13	T	Acrolein	250.000	214.457	14.2	79	0.01
14	T	Allyl chloride	50.000	41.874	16.3	69	0.01
15	T	Acrylonitrile	250.000	257.093	-2.8	85	0.00
16	T	Acetone	250.000	298.538	-19.4	93	0.01
17	T	Carbon Disulfide	50.000	40.179	19.6	68	0.01
18	T	Methyl Acetate	50.000	51.180	-2.4	85	0.00
19	T	Methyl tert-butyl Ether	50.000	48.607	2.8	80	0.01
20	T	Methylene Chloride	50.000	42.371	15.3	70	0.01
21	T	trans-1,2-Dichloroethene	50.000	44.805	10.4	74	0.01
22	T	Diisopropyl ether	50.000	45.466	9.1	74	0.01
23	T	Vinyl Acetate	250.000	236.158	5.5	77	0.01
24	P	1,1-Dichloroethane	50.000	44.407	11.2	73	0.01
25	T	2-Butanone	250.000	280.527	-12.2	92	0.01
26	T	2,2-Dichloropropane	50.000	45.590	8.8	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.328	7.3	76	0.01
28	T	Bromochloromethane	50.000	49.612	0.8	87	0.01
29	T	Tetrahydrofuran	250.000	258.468	-3.4	87	0.00
30	C	Chloroform	50.000	46.282	7.4#	76	0.00
31	T	Cyclohexane	50.000	40.136	19.7	70	0.01
32	T	1,1,1-Trichloroethane	50.000	46.015	8.0	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.163	11.7	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	45.036	9.9	74	0.00
36	T	1,1-Dichloropropene	50.000	45.666	8.7	73	0.01
37	T	Ethyl Acetate	50.000	51.599	-3.2	87	0.00
38	T	Carbon Tetrachloride	50.000	47.148	5.7	76	0.00
39	T	Methylcyclohexane	50.000	43.595	12.8	70	0.00
40	TM	Benzene	50.000	46.121	7.8	74	0.01
41	T	Methacrylonitrile	50.000	46.351	7.3	78	0.00
42	TM	1,2-Dichloroethane	50.000	48.036	3.9	77	0.00
43	T	Isopropyl Acetate	50.000	49.692	0.6	81	0.00
44	TM	Trichloroethene	50.000	46.227	7.5	75	0.00
45	C	1,2-Dichloropropane	50.000	46.147	7.7#	74	0.01
46	T	Dibromomethane	50.000	48.685	2.6	78	0.00
47	T	Bromodichloromethane	50.000	47.207	5.6	76	0.00
48	T	Methyl methacrylate	50.000	49.429	1.1	80	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1082.599	-8.3	87	0.00
50	S	Toluene-d8	50.000	43.110	13.8	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.197	-4.5	85	0.00
52	CM	Toluene	50.000	46.235	7.5#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	47.516	5.0	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.031	5.9	75	0.00
55	T	1,1,2-Trichloroethane	50.000	49.520	1.0	80	0.00
56	T	Ethyl methacrylate	50.000	49.829	0.3	79	0.00
57	T	1,3-Dichloropropane	50.000	48.565	2.9	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.334	1.1	82	0.00
59	T	2-Hexanone	250.000	277.055	-10.8	89	0.00
60	T	Dibromochloromethane	50.000	49.104	1.8	78	0.00
61	T	1,2-Dibromoethane	50.000	49.581	0.8	79	0.00
62	S	4-Bromofluorobenzene	50.000	42.086	15.8	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	47.002	6.0	77	0.00
65	PM	Chlorobenzene	50.000	46.025	8.0	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.324	5.4	76	0.00
67	C	Ethyl Benzene	50.000	45.444	9.1#	74	0.00
68	T	m/p-Xylenes	100.000	91.092	8.9	74	0.01
69	T	o-Xylene	50.000	45.771	8.5	74	0.00
70	T	Styrene	50.000	46.491	7.0	75	0.00
71	P	Bromoform	50.000	50.907	-1.8	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	44.782	10.4	75	0.00
74	T	N-amyl acetate	50.000	46.658	6.7	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.601	2.8	82	0.00
76	T	1,2,3-Trichloropropane	50.000	46.869	6.3	79	0.00
77	T	Bromobenzene	50.000	46.310	7.4	76	0.00
78	T	n-propylbenzene	50.000	44.227	11.5	73	0.00
79	T	2-Chlorotoluene	50.000	43.907	12.2	73	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.678	10.6	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.530	2.9	80	0.00
82	T	4-Chlorotoluene	50.000	43.628	12.7	72	0.00
83	T	tert-Butylbenzene	50.000	45.192	9.6	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.614	10.8	74	0.00
85	T	sec-Butylbenzene	50.000	44.864	10.3	74	0.00
86	T	p-Isopropyltoluene	50.000	45.202	9.6	74	0.00
87	T	1,3-Dichlorobenzene	50.000	46.548	6.9	77	0.00
88	T	1,4-Dichlorobenzene	50.000	46.494	7.0	77	0.00
89	T	n-Butylbenzene	50.000	44.382	11.2	72	0.00
90	T	Hexachloroethane	50.000	44.636	10.7	74	0.00
91	T	1,2-Dichlorobenzene	50.000	46.634	6.7	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.449	3.1	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.899	6.2	75	0.00
94	T	Hexachlorobutadiene	50.000	45.333	9.3	73	0.00
95	T	Naphthalene	50.000	49.732	0.5	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.196	5.6	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6